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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,568	12/15/2003	Masatoshi Takeda	L8612.03110	2482
52989	7590	07/16/2009	EXAMINER	
Dickinson Wright PLLC			SIEFKI, SAMUEL P	
James E. Ledbetter, Esq.			ART UNIT	PAPER NUMBER
International Square			1797	
1875 Eye Street, N.W., Suite 1200			MAIL DATE	DELIVERY MODE
Washington, DC 20006			07/16/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability	Application No.	Applicant(s)	
	10/734,568	TAKEDA ET AL.	
	Examiner	Art Unit	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to _____.

2. The allowed claim(s) is/are 2-4,6,8-10,12-14 and 44-46.

3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of the:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date _____.

(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. <input type="checkbox"/> Notice of References Cited (PTO-892)	5. <input type="checkbox"/> Notice of Informal Patent Application
2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____.
3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment
4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9. <input type="checkbox"/> Other _____.

DETAILED ACTION

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification page 151, line 12, delete "defined in claim 82"
In the specification page 151, line 18, delete "defined in claim 82 or"
In the specification page 151, line 19, delete "83"
In the specification page 151, line 25, delete "defined in claims 82"
In the specification page 152, line 1, delete "through 84"
In the specification page 153, line 1, delete "defined in claim 85 or"
In the specification page 153, line 2, delete "86"
In the specification page 153, line 12, delete "defined in"
In the specification page 153, line 13, delete "claims 82 through 85"
In the specification page 153, line 19, delete "defined in"
In the specification page 153, line 20, delete "claims 82 through 88"
In the specification page 154, line 8, delete "defined in claim 89"
In the specification page 154, line 16, delete "defined in claim 89"
In the specification page 154, line 25, delete "defined in claim 89"

In the specification page 155, line 12, delete "defined in claim 89"

In the specification page 155, line 20, delete "defined in"

In the specification page 155, line 21, delete "claims 82 through 84"

In the specification page 156, line 6, delete "defined in claims 82"

In the specification page 156, line 7, delete "through 84"

In the specification page 156, line 17, delete "defined in claims 82 to 95"

In the specification page 157, line 6, delete "defined in claims 82 or 84"

In the specification page 157, line 15, delete "defined in claim"

In the specification page 157, line 16, delete "96 or 97"

In the specification page 158, line 6, delete "defined in claim 17"

In the specification page 158, line 10, delete "defined in claim 98"

In the specification page 158, line 15, delete "defined in claims 98 to 100"

In the specification page 158, line 22, delete "defined in claims 96 to 101"

In the specification page 159, line 4, delete "defined in claims 96 to 101"

In the specification page 159, line 10, delete "defined in claims 96 to 101"

In the specification page 159, line 17, delete "defined in claims 94 to 104"

In the specification page 160, line 5, delete "defined in claim 95"

In the specification page 160, line 16, delete "defined in claim 106"

Allowable Subject Matter

Claims 2-4, 6, 8-10, 12-14 and 44-46 allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SAM P. SIEFKE whose telephone number is (571)272-1262. The examiner can normally be reached on M-F 7:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill A. Warden can be reached on 571-272-1700. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Samuel P Siefke/
Primary Examiner, Art Unit 1797